EARTH SCIENCES DIVISION

Publications 9303-9582

1. Miller, C. W., and Zerzan, J.M., 1979, Downhole Pressure Changes Measured with a Fluid Filled Capillary Tube: Lawrence Berkeley Laboratory, University of California, LBL-9303, 16 p.

2. Marconcini, R., Neri, G., Pruess, K., Ruffilli, C., Schroeder, R.C., and Witherspoon, P.A., 1979, Simulation of the Depletion of Two-Phase Geothermal Reservoirs: Lawrence Berkeley Laboratory, University of California, LBL-9310, 1 p. (abs).

3. Howard, J.H. and Schwarz, W.J., 1979, Status of Geothermal Reservoir Engineering Research Projects Supported by USDOE/Division of Geothermal Energy: Lawrence Berkeley Laboratory, University of California, LBL-9326, 4 p.

4. Goyal, K. P., and Kassoy, D.R., 1979, Fault Zone Controlled Charging of a Liquid Dominated Geothermal Reservoir: Lawrence Berkeley Laboratory, University of California, LBL-9327, 34 p.

5. Goyal, K. P. and Kassoy, D. R., 1979, Heat and Mass Transfer in a Saturated Porous Wedge with Impermeable Boundaries: Lawrence Berkeley Laboratory, University of California, LBL-9328, 40 p.

6. Goyal, K.P. and Kassoy, D.R., 1978, Fault Zone Controlled Charging of an Aquifer (abs): Lawrence Berkeley Laboratory, University of California, LBL-9329, 1 p.

7. Goyal, K.P. and Kassoy, D.R., 1978, Heat and Mass Transfer Studies of the East Mesa Anomaly: Lawrence Berkeley Laboratory, University of California, LBL-9330, 9 p.

8. Wilde, P., 1977, Mineralized Scale Formation During OTEC Operations--A Preliminary Caution: Lawrence Berkeley Laboratory, University of California, LBL-9339, 29 p.

9. Hood, M., Carlsson, H., and Nelson, P.H., 1979, I. Some Results From a Field Investigation of Thermo-Mechanical Loading of a Rock Mass When Heaters are Emplaced in the Rock; II. The Application of Field Data From Heater Experiments Conducted at Stripa, Sweden to Parameters for Repository Design: Lawrence Berkeley Laboratory, University of California, LBL-9392, SAC-26, 39 p.

10. Wilt, M., Goldstein, N.E., Hoversten, M., and Morrison, H.F., 1979, Controlled-Source EM Experiment at Mt. Hood, Oregon: Lawrence Berkeley Laboratory, University of California, LBL-9399, 4 p.

11. Witherspoon, P.A., Gale, J.E., and Cook, N.G.W., 1979, Investigation in Granite at Stripa, Sweden for Nuclear Waste Storage: Lawrence Berkeley Laboratory, University of California, LBL-9400, 4 p.

12. Cook, N.G.W., Gale, J.E., and Witherspoon, P.A., 1979, Waste Disposal in Granite: Preliminary Results from Stripa, Sweden: Lawrence Berkeley Laboratory, LBL-9424, 8 p.

13. Cook, N.G.W., 1979, Field Measurement Techniques: Status and Needs: Lawrence Berkeley Laboratory, University of California, LBL-9425, 9 p.

14. Hood, M., 1979, Experimental Results from Stripa: Lawrence Berkeley Laboratory, University of California, LBL-9426, 15 p.

15. Javandel, I., and Witherspoon, P.A., 1979, A Semi-Analytical Solution for Partial Penetration in Two-Layer Aquifers: Lawrence Berkeley Laboratory, University of California, LBL-9427, 31 p.

16. Marine Sciences Group, 1980, Ocean Thermal Energy Conversion Preliminary Data Report for the November 1977 GOTEC-02 Cruise to the Gulf of Mexico Mobile Site: Lawrence Berkeley Laboratory, University of California, LBL-9437, 20 p.

17. Marine Sciences Group, 1980, Ocean Thermal Energy Conversion Preliminary Data Report the the February, 1978 OTEC-03 Cruise to the Gulf of Mexico, Mobile Site: Lawrence Berkeley Laboratory, University of California, LBL-9438, 26 p.

18. Vonder Haar, S., and Puente Cruz, I., 1979, Fault Intersections and Hybrid Transform Faults in the Southern Salton Trough Geothermal Area, Baja California, Mexico: Lawrence Berkeley Laboratory, University of California, LBL-9458, 4 p.

19. McEdwards, D.G., 1979, Multiwell Variable Rate Well Test Analysis: Lawrence Berkeley Laboratory, University of California, LBL-9460, SPE-8392, 11 p.

20. Haney, J., Goranson, C., Solbau, R., and Schroeder, R., 1979, A Review of LBL Geothermal Well Testing Equipment: Lawrence Berkeley Laboratory, University of California, LBL-9462, 3 p.

21. Goranson, C.B., and Schroeder, R.C., 1979, Site Specific Geothermal Reservoir Engineering Activities at Lawrence Berkeley Laboratory: Lawrence Berkeley Laboratory, University of Califonia, LBL-9463, 4 p.

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26. Wilde, P., 1979, 1979 Status of the OTEC Environmental Program: Lawrence Berkeley Laboratory, University of California, LBL-9495, 9 p.

27. Corwin, R.F., and Fitterman, D.V., 1979, Interpretation of Self-Potential Data from the Cerro Prieto Geothermal Field: Lawrence Berkeley Laboratory, University of California, LBL-9544, 1 p. (abs).

28. Goubau, W.M., Stark, M., Gamble, T.D., Goldstein, N.E., and Miracky, R., 1979, Magnetotelluric Studies at Cerro Prieto: Lawrence Berkeley Laboratory, University of California, LBL-9545, 1 p. (abs).

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31. Weres, O. and Tsao, L., 1979, The Chemistry of Silica in Cerro Prieto Brines: Lawrence Berkeley Laboratory, University of California, LBL-9548, 1 p. (abs).

32. Wilt, M. and Goldstein, N.E., 1979, Resistivity Monitoring at Cerro Prieto: Lawrence Berkeley Laboratory, University of California, LBL-9549, 1 p. (abs).

33. Majer, E.L., and McEvilly, T.V., 1979, Earthquake Monitoring at the Cerro Prieto Geothermal Field: Lawrence Berkeley Laboratory, University of California, LBL-9550, 1 p. (abs).

34. Grannell, R.B., Tarman, D.W., Aronstam, P., Clover, R.C., Leggewie, R.M., Eppink, J. and Kroll, R., 1979, Precision Gravity Measurements in the Cerro Prieto Geothermal Area: Lawrence Berkeley Laboratory, University of California, LBL-9551, 2 p.

35. Vonder Haar, S. and Howard, J.H., 1978, Geology and Geothermal Resources of the Salton Trough, California in Relation to Rift Zone Tectonics: Lawrence Berkeley Laboratory, University of California, LBL-9556, 4 p.

36. Witherspoon, P.A., Wang, J.S.Y., Iwai, K., and Gale, J.E., 1979, Validity of Cubic Law for Fluid Flow in a Deformable Rock Fracture: Lawrence Berkeley Laboratory, University of California, LBL-9557, SAC-23, 28 p.

37. Iglesias, E.R. and Weres, O., 1979, Theoretical Studies of Cerro Prieto Brines Chemical Equilibria: Lawrence Berkeley Laboratory, University of California, LBL-9563, 1 p. (abs).

38. Abou-Sayed,A. and Schatz J.F., 1979, Physical and Mechanical Properties of Core from the Cerro Prieto Geothermal Field: Lawrence Berkeley Laboratory, University of California, LBL-9564, 1 p. (abs).

39. Witherspoon, P.A., Watkins, D.J., Cook, N.G.W., Hood, M., and Gale, J.E., 1979, Laboratory Investigation on the Hydraulic and Thermomechanical Properties of Fractured Crystalline Rocks: Lawrence Berkeley Laboratory, University of California, LBL-9582, 16 p.

40. Tsang, C.F., Mangold, D.C., and Lippmann, M.J., 1979, Simulation of Reinjection at Cerro Prieto Using an Idealized Two-Layer Geologic Model: Lawrence Berkeley Laboratory, University of California, LBL-9589, 1 p. (abs).